

DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, AMRITSAR (PUNJAB)

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

Particular of Sample Disciplines Disciples International Sample No. SB

1. Name of Place SCHOOL Ram Dass opp Solar Plant Falelgan
 District ASR Block Ajara Village Churian Location Pran
 2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Others S/Pump
 3. Name / Designation of the person who collected the sample
 4. (i) Date & Time of receipt in the Lab 03/09/2020
 (ii) Commencement of Test 07/09/2020
 5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.8
2.	Colour (Visual)	---	Un objectionable	Colourless
3.	Taste & Odour (Qualitative)	---	Un objectionable	Ordinary
4.	pH	6.5 to 8.5	No relaxation	7.8
5.	Total Dissolved Solids mg / l Max.	500	2000	300
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	248
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	224
8.	Calcium (Ca), mg/l, Max.	75	200	68
9.	Chloride Mg/l. Max.	250	1000	28
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	-
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.45
12.	Nitrate (as NO ₃), mg/l, Max	45	100	-
13.	Sulphate (as SO ₄), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l	0.3	1.0	0.10

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth
 10ml/
 1m/x
 C.1m/x

2. Test for Fecal Coliform by MPN method with Aq Broth
 (Conducted if Total Coliform present)

Report :

- The water is potable / ~~not potable~~
- The following parameters are more than the Desirable limit but less than the permissible limit.
 (Sample not drawn by us. Unless and other wise stated)

In charge,
 District Water Testing Laboratory,
 /Mobile Water Testing Laboratory
 AMRITSAR

DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, AMRITSAR (PUNJAB)

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

Particular of Sample Disciplined DISCIPLES SCHOOL International Sample No. 54

1. Name of Place Ram Dass opp. Solar Pvt. Falehgarh

District ASR Block Amrola Village Location Chandi Road

2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other R.O WATER

3. Name / Designation of the person who collected the sample

4. (i) Date & Time of receipt in the Lab 03/09/2020
 (ii) Commencement of Test 03/09/2020

5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	<u>NIL</u>
2.	Colour (Visual)	---	Un objectionable	<u>Colourless</u>
3.	Taste & Odour (Qualitative)	---	Un objectionable	<u>ordinary</u>
4.	pH	6.5 to 8.5	No relaxation	<u>7.5</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>189</u>
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	<u>220</u>
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	<u>156</u>
8.	Calcium (Ca), mg/l, Max.	75	200	<u>30</u>
9.	Chloride Mg/l. Max.	250	1000	<u>16</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	<u>-</u>
11.	Fluorides (as F), mg/l, Max	1.0	1.5	<u>0.15</u>
12.	Nitrate (as NO ₃), mg/l, Max	45	100	<u>-</u>
13.	Sulphate (as SO ₄), mg/l, Max	200	400	<u>-</u>
14.	Iron (as (Fe), mg/l	0.3	1.0	<u>0.07</u>

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth

10m/
 1m/x
 C.1m/x

2. Test for Fecal Coliform by MPN method with Aq Broth
 (Conducted if Total Coliform present)

Report :

1. The water is potable / not potable

2. The following parameters are more than the Desirable limit but less than the permissible limit.
 (Sample not drawn by us. Unless and other wise stated)

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